

## INTERNATIONAL SEARCH REPORT

P082004/000063

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, BIOSIS, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WILLIAMS J P ET AL: "Rational discrete generalized cylinders and their application to shape recovery in medical images"</p> <p>COMPUTER VISION AND PATTERN RECOGNITION, 1997. PROCEEDINGS., 1997 IEEE COMPUTER SOCIETY CONFERENCE ON SAN JUAN, PUERTO RICO 17-19 JUNE 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 17 June 1997 (1997-06-17), pages 387-392, XP010237553</p> <p>ISBN: 0-8186-7822-4</p> <p>sections 3.1, 4., 5.1-6.</p> <p>abstract; figures 3,4</p> <p>---</p> <p>---/---</p>	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## ° Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

17 May 2004

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08/06/2004

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PC 82004/000063

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GREENSPAN H ET AL: "EVALUATION OF CENTER-LINE EXTRACTION ALGORITHMS IN QUANTITATIVE CORONARY ANGIOGRAPHY" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 20, no. 9, September 2001 (2001-09), pages 928-941, XP001100470 ISSN: 0278-0062 abstract, section II.A</p>	1-12
A	<p>FLÓREZ-VALENCIA L., MONTAGNAT J., ORKISZ M.: "3D Graphical Models for Vascular-Stent Pose Simulation" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMPUTER VISION AND GRAPHICS, ICCVG, 25 - 29 September 2002, pages 1-8, XP002280611 Zakopane abstract; figures 2,4</p>	1-14
A	<p>AYLWARD S R ET AL: "INITIALIZATION, NOISE, SINGULARITIES, AND SCALE IN HEIGHT RIDGE TRAVERSAL FOR TUBULAR OBJECT CENTERLINE EXTRACTION" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 21, no. 2, February 2002 (2002-02), pages 61-75, XP001101421 ISSN: 0278-0062 abstract; figures 2,3 page 67, left-hand column, paragraphs 1-3</p>	1-12
A	<p>US 6 366 800 B1 (AHN DAVID K ET AL) 2 April 2002 (2002-04-02) abstract, Figs. 10a-10h, col. 14 line 60-col. 15 line 42</p>	1-12
A	<p>US 5 891 030 A (HARA AMY KIYO ET AL) 6 April 1999 (1999-04-06) abstract, Figs. 7(a)-7(c), col. 9 line 61-col. 10 line 26</p>	1-12

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			EP 0964639 A1	22-12-1999
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			WO 9832371 A1	30-07-1998